

**CLAIMS**

What is claimed is:

- 1           1.       A system, comprising:  
2           a controller generator that is adapted to provide an application with a  
3                     controller that receives a request for data from a user and responds  
4                     to the request for data by sending information to the user; and  
5           an error handler generator that is adapted to provide an error handler that  
6                     performs error handling functionality for the application based on  
7                     error data that is stored in an error catalog if an error occurs during  
8                     the processing of the request for data.
  
- 1           2.       The system set forth in claim 1, wherein the controller is adapted to  
2           read the error data from a configuration file.
  
- 1           3.       The system set forth in claim 2, wherein the configuration file is a  
2           text properties configuration file.
  
- 1           4.       The system set forth in claim 1, wherein the error data comprises  
2           user interface ("UI") message key data, title key data and mapping data.

1           5.       The system set forth in claim 1, wherein the error handler is adapted  
2   to categorize exceptions into a FeatureException class or a FrameworkException  
3   class.

1           6.       The system set forth in claim 5, wherein the FeatureException class  
2   comprises a BusinessException class and a SystemException class.

1           7.       The system set forth in claim 1, wherein the error catalog contains  
2   error data that is specific to each of a plurality of portals.

1           8.       The system set forth in claim 1, wherein the error handler is adapted  
2   to chain error information if an exception generates a subsequent exception.

1           9.       A method, comprising:  
2       creating, with a processor-based device, a controller that is adapted to  
3               receive a request for data from a user and respond to the request;  
4               and  
5       providing an error handler that performs error handling functionality based  
6               on error data that is stored in an error catalog if an error occurs  
7               during the processing of the request for data.

1           10.    The method set forth in claim 9, comprising adapting the controller  
2   to read the error data from a configuration file.

1           11.    The method set forth in claim 10, comprising defining the  
2   configuration file to be a text properties configuration file.

1           12.    The method set forth in claim 9, comprising defining the error data  
2   to comprise user interface (“UI”) message key data, title key data and mapping  
3   data.

1           13.    The method set forth in claim 9, comprising adapting the error  
2   handler to categorize exceptions into a FeatureException class or a  
3   FrameworkException class.

1           14.    The method set forth in claim 13, comprising defining the  
2   FeatureException class to comprise a BusinessException class and a  
3   SystemException class.

1           15.     The method set forth in claim 9, comprising adapting the error  
2     catalog to contain error data that is specific to each of a plurality of portals.

1           16.     The method set forth in claim 9, comprising adapting the error  
2     handler to chain error information if an exception generates a subsequent  
3     exception.

1           17.     A system for creating web applications, the system comprising:  
2             means for creating a controller that is adapted to receive a request for data  
3             from a user and respond to the request; and  
4             means for creating an error handler that performs error handling  
5             functionality based on error data that is stored in an error catalog if  
6             an error occurs during the processing of the request for data.

1           18.     The system set forth in claim 17, wherein the controller is adapted  
2     to read the error data from a configuration file.

1           19.     The system set forth in claim 18, wherein the configuration file is a  
2     text properties configuration file.

1           20.     The system set forth in claim 17, wherein the error data comprises  
2     user interface ("UI") message key data, title key data and mapping data.

1           21.     The system set forth in claim 17, wherein the error handler is  
2     adapted to categorize exceptions into a FeatureException class or a  
3     FrameworkException class.

1           22.     The system set forth in claim 21, wherein the FeatureException  
2     class comprises a BusinessException class and a SystemException class.

1           23.     The system set forth in claim 17, wherein the error catalog contains  
2     error data that is specific to each of a plurality of portals.

1           24.     The system set forth in claim 17, wherein the error handler is  
2     adapted to chain error information if an exception generates a subsequent  
3     exception.

1           25.     A program, comprising:  
2             a machine readable medium;

3           a controller generator stored on the machine readable medium, the  
4                   controller generator being adapted to provide an application with a  
5                   controller that receives a request for data from a user and responds  
6                   to the request by sending information to the user; and  
7           an error handler generator stored on the machine readable medium, the  
8                   error handler generator being adapted to provide an error handler  
9                   that performs error handling functionality during operation of the  
10                  application if an error occurs during the processing of the request  
11                  for data based on error data that is stored in an error catalog.

1           26.    The program set forth in claim 25, wherein the controller is adapted  
2           to read the error data from a configuration file.

1           27.    The program set forth in claim 25, wherein the configuration file is  
2           a text properties configuration file.

1           28.    The program set forth in claim 25, wherein the error data comprises  
2           user interface (“UI”) message key data, title key data and mapping data.